

## MPM 20/600 P - MPM 20/600 S-P

- + DIESEL ENGINE DRIVEN WELDER/GENERATOR / DELIVERS 600 A OF DC WELD OUTPUT / SINGLE-PHASE AUXILIARY POWER AVAILABLE / SOUNDPROOF CANOPY (MOD. S-P)

<b>Gen Set Features</b>	<b>Processes: STICK / TIG / CAG</b>		
	+ Oil pressure, coolant temperature, overspeed, fuel level and battery charger warning lights		+ Earth Leakage Circuit Breaker (ELCB), Single-phase
	+ 12V built-in battery with electric start		+ Remote control socket
	+ Engine hourmeter		+ Arc Force Control with changeover switch basic / cellulosic welding rods
	+ Voltmeter		+ Carbon Arc Gouging (CAG) socket
	+ Fuel level gauge		+ Central lifting eye / Fork lift pockets
	+ 2 x 230V - 50Hz Single-phase outlets protected by circuit breaker		
<b>Gen Set Options</b> (available as factory options)	+ 20 kVA, 400VAC - 50Hz three-phase output, with ELCB		+ Cold weather starting aid
	+ DAS, auto engine protection shutdown system with warning lights in case of:		+ Weld Voltmeter and Ammeter
	- battery charger failure		+ LIFT START TIG facility
	- high coolant temperature		+ CC/CV control for MIG welding
	- low fuel level		+ Spark arrester muffler
	- low oil pressure		+ Versions with different voltages
	- overspeed		+ 60 Hz version
<b>Accessories on Request</b>	+ Two-wheels site tow undercarriage (GRT2W)		+ Remote control unit complete with 20m cable and plug
	+ Four-wheels site tow undercarriage (GRT4W)		+ Welding cables Ø 50 mm <sup>2</sup> (20+15 m) with accessories
	+ Four-wheels trailer with leaf springs and towing bar (GRT4WLB)		
<b>Noise Level</b>	+ Versione P LWA 99 (74 dB at 7m)		
	+ Versione S-P LWA 96 (71 dB at 7m)		Homologated in accordance with the "Directive 2000/14/CE"
<b>DC Welding</b>	+ Duty Cycle @ 60%	600 A - 40 V	+ Open Circuit Voltage 70 V
	+ Duty Cycle @ 100%	500 A - 40 V	+ Max welding rod 10 mm
	+ Stepless current control	30 A ÷ 600 A	
<b>AC Generator - 50 Hz</b>	+ Type Gen Set asynchronous self-excited and self-protected		+ Single-phase Power 12 kVA - 230 V
			+ Power Factor 0,8
<b>Diesel Engine 1500 rpm</b>	+ Type <b>Perkins 1103A-33TG1</b> (turbocharged)		+ Starting system electric
	3 cyl. - 62 HP (45,6 kWm) - 3300 cm <sup>3</sup>		+ Fuel tank capacity 74 l
	+ Fuel diesel		+ Fuel consumption @ 75% 8,2 l/h
	+ Cooling system water		
<b>Other Features</b>	+ Insulation Class F		
	+ Mechanical Protection IP 23		
	+ Dimensions (L x W x H) 2000 x 900 x 1200 mm		
	+ Net Weight Mod. S-P: 1200 kg / Mod. P: 1190 kg		

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